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**From:** Sullivan, Kate [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1AE54D9BB036451B8DF78D633B928662-SULLIVAN, KATE]  
**Sent:** 10/1/2019 6:28:36 PM  
**To:** Dunlap, David [dunlap.david@epa.gov]; Watkins, Tim [Watkins.Tim@epa.gov]  
**CC:** Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Sayles, Gregory [Sayles.Gregory@epa.gov]; Gillespie, Andrew [Gillespie.Andrew@epa.gov]; McKernan, John [McKernan.John@epa.gov]; Gilliland, Alice [Gilliland.Alice@epa.gov]  
**Subject:** RE: PFAS - New Hampshire Technical Assistance  
**Attachments:** NHDES Report 6 NTA PFAS MMS FINAL June 10 2019.pdf; NHDES Report 5 NTA Dispersions FINAL May 24 2019 need correct draft.pdf

Responding for Tim Watkins

I've attached Reports 5 and 6 because they provide specific results for NTA analysis.

Compounds are identified by name when it is possible to identify them, and by CAS if one is available.

Kate Sullivan, Ph.D  
EPA/ORD/NERL/IO  
Athens, GA  
706-355-8100  
Sullivan.kate@epa.gov

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**From:** Dunlap, David <dunlap.david@epa.gov>  
**Sent:** Tuesday, October 1, 2019 2:23 PM  
**To:** Watkins, Tim <Watkins.Tim@epa.gov>  
**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Sayles, Gregory <Sayles.Gregory@epa.gov>; Sullivan, Kate <Sullivan.Kate@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>; McKernan, John <McKernan.John@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>  
**Subject:** RE: PFAS - New Hampshire Technical Assistance

Tim,

When we provide the results of non-targeted analysis how do we qualify the information? Do we attempt to name the compounds found or otherwise provide a CAS#?

I know these two questions probably just raise more questions for you and the team.

Can I get a copy of Report #4 and Report #5 to review? Maybe I can answer my own questions.

DDD

David D. Dunlap  
O – 202.564.6620

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**From:** Watkins, Tim <Watkins.Tim@epa.gov>  
**Sent:** Tuesday, October 1, 2019 2:15 PM  
**To:** Dunlap, David <dunlap.david@epa.gov>  
**Cc:** Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Sayles, Gregory <Sayles.Gregory@epa.gov>; Sullivan,

Kate <[Sullivan.Kate@epa.gov](mailto:Sullivan.Kate@epa.gov)>; Gillespie, Andrew <[Gillespie.Andrew@epa.gov](mailto:Gillespie.Andrew@epa.gov)>; McKernan, John <[McKernan.John@epa.gov](mailto:McKernan.John@epa.gov)>; Gilliland, Alice <[Gilliland.Alice@epa.gov](mailto:Gilliland.Alice@epa.gov)>

**Subject:** RE: PFAS - New Hampshire Technical Assistance

Hi David –

Per Andy's email below, I am following up with information regarding the technical assistance we have provided to the New Hampshire Department of Environmental Services (NHDES).

The New Hampshire Department of Environmental Services (NHDES) initially requested assistance from ORD to participate in a multi-media study of PFAS compounds in the environment surrounding the St. Gobain secondary use facility in Merrimack, New Hampshire in June 2017 with a follow-up request in October 2017. In response, ORD has worked in close coordination with EPA Region 1 and NHDES to develop and implement study plans for the collection and analyses of samples taken from groundwater wells, surface water, soils, and from within the facility including product dispersants and surfactants, stack char, residue from air emissions control devices (MM5 trains), and volatiles emitted from the stacks and in ambient air (summa canisters). Throughout FY2018, ORD received samples collected by NHDES in accordance with those study plans. To date, the ORD team has provided analytical results to NHDES in a series of six data reports and 2 webinars. The first data report was delivered in April 2018 and the most recent data report was delivered in June 2019 (4 of these data reports were delivered in FY19 – see table below). Additional reports are currently in development and review. Please let me know if you have any follow-up questions or if you would like to discuss. Thanks.

Report #	Media	Analysis	Delivery Date
1	Char/Soil	Targeted	4/2018
2	Char/Soil	NTA	7/2018
3	Surface Water and GW	Targeted	10/2018
4	Air (summa canister)	NTA and VOC	10/2018
5	Raw dispersions/surfactants	NTA	5/2019
6	Air (MM5-Train)	NTA	6/2019

Tim Watkins  
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Ex. 6 Personal Privacy (PP)

*"Protecting human health and the environment by delivering innovative measurement and modeling solutions to EPA and our partners."*

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**From:** Gillespie, Andrew <[Gillespie.Andrew@epa.gov](mailto:Gillespie.Andrew@epa.gov)>

**Sent:** Monday, September 30, 2019 3:07 PM

**To:** Sullivan, Kate <[Sullivan.Kate@epa.gov](mailto:Sullivan.Kate@epa.gov)>; McKernan, John <[McKernan.John@epa.gov](mailto:McKernan.John@epa.gov)>; Dunlap, David <[dunlap.david@epa.gov](mailto:dunlap.david@epa.gov)>

**Cc:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Sayles, Gregory <[Sayles.Gregory@epa.gov](mailto:Sayles.Gregory@epa.gov)>; Watkins, Tim <[Watkins.Tim@epa.gov](mailto:Watkins.Tim@epa.gov)>

**Subject:** RE: PFAS - New Hampshire Technical Assistance

Hi Kate, John – please see David's request below re: synopsis of support provided to NH in FY19.

You are probably the best sources for this, particularly as I am out of the office and likely out of pocket for the next few days.

If you have anything responsive, please send to David and copy the rest of us. Thanks Andy

Andrew J. R. Gillespie, Ph. D.  
Associate Director, US EPA/ORD/CEMM  
ORD Executive Lead for PFAS R&D

Office 919 541 3655 Cell Ex. 6 Personal Privacy (PP)

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**From:** Dunlap, David <dunlap.david@epa.gov>  
**Sent:** Monday, September 30, 2019 2:27 PM  
**To:** Gillespie, Andrew <Gillespie.Andrew@epa.gov>  
**Subject:** PFAS - New Hampshire Technical Assistance

Andy,

Can you please identify what PFAS technical assistance ORD is currently providing (to include all work completed in FY19) to NH. Please provide a very brief description of the activity, name of ORD center and project lead.

Thanks

DDD

David D. Dunlap  
Deputy Assistant Administrator  
US Environmental Protection Agency  
Office of Research & Development  
Office: 202.564.6620